

19980513.ba v02_n054.bam.980513

>From ???@??? Thu May 14 04:46:25 1998
Message-Id: <199805132349.SAA11638@sco.theporch.com>
Date: Wed, 13 May 1998 18:48:23 CDT
Subject: BOATANCHORS digest 2054

BOATANCHORS Digest 2054

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- 2) Heath expert anyone?
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 3) Re: ??parasitic suppressor quesion??
by "Barry L. Ornitz" <ornitz@dpnet.net>
- 4) Re: Countdown Dayton
by ke8rn@juno.com (GEORGE J MISIC)
- 5) IB-1100 Info
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- 6) RE: National NC-183D book
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- 8) RE: Parasitic suppressors
by Sandy W5TVW <ebjr@worldnet.att.net>
- 9) Re. VLF CW TRANSMISSIONS
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- 11) Re: WTD Info on Multicouplers - Manuals etc
by "P. J. Rovero" <provero@connix.com>
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- by polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
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by jkh@lexis-nexis.com (John Heck)
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by arc5@ix.netcom.com
- 18) GF/RU Installation Questions
by David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
- 19) Question about Dayton To Sellers

- by jkh@lexis-nexis.com (John Heck)
- 20) Command bits wanted
by BEN NOCK <G4BXD@compuserve.com>
- 21) FS: Tek plugins
by jkh@lexis-nexis.com (John Heck)
- 22) need: 9-pin "octal" female socket
by Pete McCollum 13-May-1998 1128 -0700 <mccollum@ssdevo.UNET.dec.com>
- 23) Re RU-GF installation
by philip mccooy <dgnova@erols.com>
- 24) FS: Misc stuff
by w1nml@juno.com
- 25) Help identify some 1930's RCA gear
by Sheldon Wheaton <swheaton@sky.net>
- 26) Swan 250
by "Larry" <rau@wco.com>
- 27) Sprague interference receiver
by BOB RAGAIN <RAGAIN@hubvx6.sedalia.wireline.slbb.com>
- 28) More RU-GF Information
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 29) Help with R388 clone?
by Tom Norris <badger@telalink.net>
- 30) Access Boatanchors Manual Archives with Netscape Nav. 3.0
by Jim Hill <jshillw6ivw@earthlink.net>

Date: Tue, 12 May 1998 19:40:59 -0700 (PDT)
Message-Id: <2.2.16.19980512193908.44b7094c@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Re: FS List: SX-101,

At 08:35 PM 5/11/98 -0400, Al Parker wrote:

> I was shocked to read of the imminent divestiture of the SX-101-Mk. IIIA.
>What will now have the longest model designation in your shack? Or does
>the SP-600 xxx still reign? After your eloquent account a few months ago
>of the seduction, I thought this one had a permanent place. I know you've
>had some additions of heavy metal recently, but don't remember a mention of
>something to take the place of the 101.

Greetings, Al. Back in the realm of what passes for reality for me, yes, I guess the SP-600-JX-17 now assumes the title of the longest model designation around here. As to a replacement for that hussy '101, there is an AR-88LF sitting in the prime spot now, awaiting an infusion of condensers.

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Mime-Version: 1.0
Date: Tue, 12 May 1998 22:40:59 -0700
Message-ID: <00092626.1914@svlima.sv.sc.philips.com>
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
Subject: Heath expert anyone?
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Something has me puzzled. If I keep scratching my head I will surely go bald.

I have two Apaches and one Mohawk. One of the Apaches has an extra hole just to the left of the spotting switch. It is in the identical position as the 'calibrate' control in the Mohawk. This hole is most definitely punched and not drilled. Additionally, in the sub panel that's several inches behind the front panel, there is another punched hole that is in line with the 'extra' hole. The second hole is similar to the one immediately behind the front panel hole for the spotting switch. If I have succeeded in totally confusing you, go back to the beginning. My theory is Heath had extra Mohawk front panels that were already punched and they got silkscreened and used for Apaches. Anybody else got one like this?

Brian Harris WA5UEK

From: "Barry L. Ornitz" <ornitz@dpnet.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: ??parasitic suppressor question??
Date: Tue, 12 May 1998 23:53:49 -0400
Message-ID: <01bd7e22\$bcaec4c0\$3294a4d1@ornitz.dpnet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hank van Cleef wrote:

>I took the time a while back to make some VHF measurements on modern
>film resistors. The Boonton 250-A RX bridge goes to 250 Mhz. and will
>measure resistance directly (one of the two balances) while showing
>inductive/capacitive reactance with the other balance. All of the
>resistors I measured (values in the 1K-20K range, where the balance is
>best defined) showed little resistive rolloff at 1 meter frequencies
>and below (wavelength) and virtually no inductive/capacitive shift.
>These were off the shelf Mouser stock.
>
>I would not hesitate to use them in any HF or VHF application.

Unfortunately, while the RX bridge is most sensitive in the 1 to 100 Kohm range, this is the region where film resistors behave most like pure resistances. Their high resistivity means that skin depth is far, far greater than the film thickness. My statements were meant to be applied to the low value film resistors in the 1 to 100 ohm range. To get such low values, lower resistivity films are used and these are applied much thicker to the mandrel. From what I have seen, spiral trimming is more prevalent on low value film resistors, so Arden's point is well taken too.

Where really low inductance is needed in a VHF or UHF application, I use chip resistors. [And with my new bifocals, I can even SEE them!]
Otherwise, film resistors are fine.

73, Barry L. Ornitz WA4VZQ ornitz@dpnet.net

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com, wa8mlv@juno.com, doowop6@juno.com
Subject: Re: Countdown Dayton
Message-ID: <19980513.003749.6623.0.KE8RN@juno.com>
From: ke8rn@juno.com (GEORGE J MISIC)
Date: Wed, 13 May 1998 00:40:36 EDT

Hi Gang,

A minor correction to Brian's excellent list:

George KE8RN Spaces 3225 / 3226
Tim WA8MLV

We were listed in 3225 and 3726. Hope to see many of you; 73.

George KE8RN

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: IB-1100 Info
Date: Wed, 13 May 1998 05:07:33 +0000
Message-ID: <19980513050731.AAA253@LOCALNAME>

Who asked me for some info on the IB-100 Frequency Counter?
I have it copied now and the message requesting it disappeared! POOF!
Whoever it was had one that needed fixing and wanted just the service
info and schematics.
73,
Sandy W5TVW

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: RE: National NC-183D book
Date: Wed, 13 May 1998 05:07:38 +0000
Message-ID: <19980513050731.AAC253@LOCALNAME>

Someone requested a copy of the NC-183D manual. I had a disk
crash and lost who needed it. I have copy in hand. Sorry for the
All points bulletin!
73
Sandy W5TVW

Date: Tue, 12 May 1998 23:28:50 -0500 (CDT)
From: Don Reaves <dr@cei.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: R-389 Front Panel
Message-ID: <Pine.LNX.3.91.980512232648.22890A-1000000@kc5jh.reaves.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wanted: Collins R-389 front panel, for restoration of a disassembled
R-389 found in the garage of Art Collins' home in Dallas. I think I have
all the parts of this receiver except the front panel and some of the
hardware (nuts, screws, etc). A junker or parts carcass would be
wonderful. Encouragement actively sought!

Any leads appreciated.

Don Reaves
46 Arbor Oaks Drive
N. Little Rock AR 72120
dr@cei.net

WA5BBS
AMI 1027 CCA 378
ARRL Life Member
R-390 list manager

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: RE: Parasitic suppressors
Date: Wed, 13 May 1998 05:38:51 +0000
Message-ID: <19980513053850.AAA25350@LOCALNAME>

I will not duplicate the advice of Barry and Hank. Just an item or two in addition.

I have seen "Global" resistors used quite successfully in the construction of parasitic suppressors. Marconi Marine had a 1.5 kw rig that used three QY-4-400's (same as a 4-400B). It used some global resistors that were around 250 ohms cold and much less hot. They were inside a small coil wound with #12 wire.

One transmitter Mackay had built originally used a pair of PL-175A's. These are pentodes that look exactly like the 4-400A. The exception being a suppressor grid that is connected to the aluminium base ring. When these were no longer available, we had to "sub" the 4-400C. They were a bit harder to drive in linear service and we had an awful parasitic. The original transmitter had no parasitic suppressors installed. (I don't know how they got away with that one originally!)

Anyway, we finally calmed it down with a pair of parasitic suppressors wound from some 1/4" wide copper strip in a helix spaced about 1/8" between turns. The coil was about 7/8" in diameter and about 3 turns. Inside was a standard TV type "global" resistor around 1/2" in diameter and about an inch or so long. These resistors were made by "Workman" (brand name). They seemed to do the job quite well. Earlier attempts made using 2 watt carbon resistors never quite worked out.

The big trick is finding out what frequency the parasitic is on and making the suppressor resonant on that frequency. It's at best an "empirical engineering" job, as trying to make measurements on an active amplifier that's oscillating like a demon and trying to destroy itself is flaky and very dangerous at best!

73,
Sandy W5TVW

Date: Wed, 13 May 1998 02:32:18 -0400
From: "Thomas A. Adams" <103360.2133@compuserve.com>
Subject: Re. VLF CW TRANSMISSIONS
To: Old Tube Radios <boatanchors@theporch.com>
Cc: BOATANCHORS <BOATANCHORS@theporch.com>
Message-ID: <199805130233_MC2-3CC3-8763@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hello Dave.

Your message re. the Navy / USCG CW transmission reminded me of something that happened here.

Before me I have a rather impressive looking QSL card, from NSS (US Naval Communication Station Washington DC). It verifies my reception of their CW transmission on 21.4 KHz on 5 FEB 1985. This one is a bit odd.

NSS was a permanent, powerful fixture on 21.4 KHz, putting in a tremendous FSK signal 24 hours a day. It was convenient as a frequency check signpost, but not a whole lot else. One afternoon (about 1300 local) while cruising VLF with the WRR-3, I was startled to hear CW on frequency! NSS was transmitting 5 letter coded groups at about 18 WPM. I grabbed a pencil and scratch pad, noted the time, and started copying.

The coded groups continued for about 45 minutes and abruptly ceased, replaced by the usual encrypted FSK. Hmmm... something very odd going on here.

At the time, NSS had transmitters up on umpteen different frequencies in the HF bands, carrying all manner of things. Since I'd never heard CW from the VLF transmitter before, the most obvious explanation seemed to be that someone had goofed, and accidentally patched the wrong transmission to the wrong transmitter. Discovering their error, they pulled the patch, and set the situation right. Such are the things that get you QSL cards from encrypted stations... QSLs are a rather scarce commodity for utility DXers in any event. I quickly drafted a letter and enclosed it, along with the copy, in an envelope and sent it to the rather vague address (all I had) of "Naval Radio Station NSS, Washington, DC". Then, I forgot all about it.

Six months later an envelope from NSS appeared in the mail. The QSL in front of me was inside, along with a rather nice note from a RM 1C (radioman, first class) who, as it turned out, was a ham. He explained what had happened.

No, there was no error; my reception report checked with thier log for the day. It seems that while 99% of the traffic at that point in time was on FSK, the Navy still had OTs who had gone through CW training. Once a week, just to keep them sharp, NSS sent the fleet a code practice transmission for about an hour. The radiomen submitted the copy to thier task force communicator.

He seemed to be rather surprised that a HAM had submitted copy, and said he was posting it, along with my note, on the coffee room bulletin board, just to let the rest of the troops at NSS know that SOMEONE was still listening out there! :-)

As this relates to your reception... I'm guessing that it too was practice, but of a specialized sort.

Not every receiving operator "copies behind"; new ops are likely to stay right with the incoming transmission. One of the worst habits a CW operator can get into is anticipating copy, and with familiar words it becomes too tempting. Repeatedly receiving a familiar, repetitive phrase with deliberately induced errors is a good way of breaking the anticipation habit.

Just a guess on your reception, but I suppose it's as good as any explanation... <grin>

73's,

Tom, W9LBB

Message-ID: <35598211.C2A7F4F0@groupone.net>
Date: Wed, 13 May 1998 04:20:49 -0700
From: Dan Arney <kn6di@groupone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTD Info on Multicouplers - Manuals etc
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,
I recieved a R.E.Grimm Co. RG-8103 S/N 35 16 port HF multicoupler along with an Olektron MC-1003 8 port VHF/UHF multicoupler from Toronto Surplus yesterday.
I need manuals etc or copies. These are rack mounts and I need any help,suggestions, ideas, comments or whatever as to how best utilize the equipment. HF input is "N" and output is BNC. VHF are "N" in & out. Do

you use an antenna relay inline with the Xmtr?? On the VHF/UHF are you limited to like 2M or 70CM? Will it pass the proper freq. without a problem?

Any help will be greatly appreciated.

Thank,

Hank KN6DI

73

Date: Wed, 13 May 1998 07:33:57 -0400 (EDT)
From: "P. J. Rovero" <provero@connix.com>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WTD Info on Multicouplers - Manuals etc
Message-ID: <Pine.BSI.3.95.980513072931.11516C-100000@comet.connix.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dan,

You want to make sure you don't pump any transmitted RF into these receiver multicouplers!

If you use a common transmit/receive antenna, relays and shorting of the multicoupler input would be very good idea. And relays can fail.... an extra relay could be lots cheaper than the multicoupler front end.

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D
Curmudgeon at Large	web: http://www.connix.com/~provero/

Date: Wed, 13 May 1998 09:14:39 -0400
From: polepeeg@aaa4rm.ba-watch.org (BA Marina Electrician)
Message-Id: <199805131314.JAA12720@aaa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AN/UKY-22 anyone???

Anyone heard of one, know what they are, or would like to trade for THREE!

ID plates say Cryptographic Auxiliary Set - Contract has 0183 or 0185 mixed in with it & DataProducts was contractor.

And... it mighta been a AN/UYK rather than a AN/UKY. Data came thru oral tradition.

Thanks any & all

Marty

Date: Wed, 13 May 1998 09:18:36 -0400
From: polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
Message-Id: <199805131318.JAA12730@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Dayton space roster?

Did anyone compile one? I've been off the boatanchors air for a week
& sure missed it if it came thru.

BTW, I'm in the N8TT memorial space-pair 1912 & 1913. 1912 of course being
the Titanic year... to which bud WB4IZR comes back with a geezer voice
quaver saying "ya mean the Titanic sank Sonny?"

Humor

M

Date: Wed, 13 May 1998 09:33:52 -0400
From: polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
Message-Id: <199805131333.JAA12793@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Very limited Dayton roster

This frm data b-4 5/2:

By Call

AA4RM "1912 1913" "Reynolds, Marty"
N5AIT "4224 4225" "Stevens, Al"
W3BJZ "2317 2318" "Knepper, Dave"
W4SSB 3821 Manuel
W8ZR "2761 2762" "Garland, Jim"

By Space

AA4RM "1912 1913" "Reynolds, Marty"
W3BJZ "2317 2318" "Knepper, Dave"
W8ZR "2761 2762" "Garland, Jim"

N5AIT "4224 4225" "Stevens, Al"
W4SSB 3821 Manuel

aa4rm friends W2CQH / 1941, WB4IZR / 512-14

Message-Id: <199805131341.GAA22209@mailgate22.a001.sprintmail.com>
Subject: Misc Sweeps for sale
Date: Wed, 13 May 1998 08:43:53 -0500
From: "Joseph W. Pinner" <kc5ijd@sprintmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

>I have about 25 or so NOS misc sweeps and compactrons which I want to
>sell.

>

>Representative numbers are:

>

> 6KY8A

> 12JF5

> 21GY5 (2)

> 25DN6

> 26HU5

> 29KQ6 (3)

> 29LE6 (3)

>

>Also includes a couple of solid state HV rectifiers - replaces 3AT2.

OK - will ship the above for \$ 20 - somebody please take these.

Otherwise they go out in the trash. I just have to have the space.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@sprintmail.com

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@sprintmail.com

Date: Wed, 13 May 1998 10:06:48 -0400
From: jkh@lexis-nexis.com (John Heck)
Message-Id: <199805131406.KAA09975@psc7128.lexis-nexis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Dayton Report

Folks,

The weather looks like it's shaping up to be very nice for much of the Hamvention. They are calling for partly cloudy and mid eighties on Thursday and Friday with the usual possibility of late afternoon/early thunderstorms that accompany that kind of conditions in Ohio. Saturday holds more chance of thunderstorms, though, and might be dicey. Back to nice on Sunday, I hear. I suggest hot weather clothing, and a piece of plastic in your pocket against possible cloudbursts.

On Saturday and Sunday there will be a HUGE antique and STUFF fleamarket being held just up east on I70 at Springfield. It's called the EXTRAVAGANSA and if you have a significant other who needs a diversion it would be great. It's about a 10 mile drive east on I70 to the Clark County fairgrounds exit, the other side of Springfield, and the flea market is just off the highway, you can see it from I70.

If YOU need a diversion, head downtown in Dayton and visit Mendelsons Electronics Surplus. It's at 1st and Patterson in an old brick factory building. Plenty of parking across the street and the goodies are on the 3rd floor. The amount of crap in there is amazing, but not often cheap! They will bargain a little, though. If you like to root you will not be disappointed and just might come up with a find. They have a tube room and everything from Tek and HP to Heath. The Drake factory is/was not far from here and they have lots of old Drake leftovers, including knobs and other components.

I will be (much of the time anyway) in space #2734 with my little stock of junk. I think I'll head out on Thursday morning just to check things out and scout for bargains. I do have a TEK 513 with a manual, three Atwater Kent late twenties BC receivers(at a good price), and a couple of *serious* boatanchor 1" tapedecks, which might be of interest. Look me up!

If anybody has an emergency, I have local knowledge and resources which might be of help. If you need help you can look me up and I'll do what I can.

Regards,
John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(937)865-7036(work)
jkh@lexis-nexis.com

From: arc5@ix.netcom.com
Date: Wed, 13 May 1998 09:19:55 -0500 (CDT)
To: Old Tube Radios <boatanchors@theporch.com>
Message-Id: <199851382049426962@>
Subject: Sorry 'bout that.
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I posted a private letter to the list by mistake.
Please accept my apologies.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

Date: Wed, 13 May 1998 08:25:10 -0700 (PDT)
Message-Id: <199805131525.IAA19509@rubens.artisan.calpoly.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: David Ragsdale <doragsda@polymail.cpunix.calpoly.edu>
Subject: GF/RU Installation Questions

Hello all, got a question on installation and application of GF/RU navy rigs, specifically the RU-18.

I've got a RU-18 rig with accessories I'm putting together.

I've been looking at two different manuals, one is for the GF-11/RU-16 - in this manual it seems clear that the RU-16 is intended to always be used with the GF-11 transmitter, assembled as a transmitter/receiver system.

The RU-18 manual, though, (which is only for the receiver, in contrast to the one above) seems to indicate that the RU-18 was designed for stand-alone use, rather than for dedicated assembly with a companion GF-XX transmitter.

Is this right? Had the Navy quit using the GF transmitters by the time the RU-18/19 series came along? And if so, what would the normal companion transmitter be for an installation with a RU-18 be?

Thanks in advance for any insight.

73

Dave

KF6BOM

David Ragsdale

doragsda@polymail.calpoly.edu

Date: Wed, 13 May 1998 11:31:05 -0400
From: jkh@lexis-nexis.com (John Heck)
Message-Id: <199805131531.LAA13997@psc7128.lexis-nexis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Question about Dayton To Sellers

Folks,

Being new to the fleamarket at Dayton, I have a question, if any of you are still reading your mail before leaving. How much selling space will I have after I park my full sized truck in my space. Perhaps this question has an obvious answer, perhaps

there are some tricks to be learned. Can I take up a little room in front of my space, where the people traffic mills about, to put things out? Thanks.

Regards,

John Heck, KC8ETS

1009 Donson Drive

Dayton, Ohio 45429

(937)865-7036(work)

jkh@lexis-nexis.com

Date: Wed, 13 May 1998 13:01:55 -0400
From: BEN NOCK <G4BXD@compuserve.com>
Subject: Command bits wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199805131302_MC2-3CE3-94D5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I am in need of the following:

FT-230A units, both black and alum

Top Valve covers, black and alum =

and a tx outer top enclosure, alum.

If anyone can help I'd be most obliged.

cheers, Ben G4BXD.

Military Radio Collector, Historian & Operator

Date: Wed, 13 May 1998 13:05:05 -0400
From: jkh@lexis-nexis.com (John Heck)
Message-Id: <199805131705.NAA18225@psc7128.lexis-nexis.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Tek plugins

Folks,
Anybody interested in a 3S76 Sampling Dual Trace and/or a
3T77A Sampling Sweep plugin? If so shoot me a fair offer
and they're probably yours. Shipping extra or pick 'em up
in Dayton.

Regards,
John Heck, KC8ETS
1009 Donson Drive
Dayton, Ohio 45429
(937)865-7036(work)
jkh@lexis-nexis.com

Message-Id: <9805131729.AA08119@us3rmc.cxo.dec.com>
Date: Wed, 13 May 98 11:29:14 MDT
From: Pete McCollum 13-May-1998 1128 -0700 <mccollum@ssdevo.ENET.dec.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: need: 9-pin "octal" female socket

A buddy needs a 9-pin female socket for his Viking stuff.
This socket looks just like an octal tube socket, but has 9 pins.
One dealer quoted him 15 bucks (!).

Have misc. parts and things for trade.

Thanks,
Pete

Message-Id: <199805131810.0AA21557@smtp1.erols.com>
Date: Wed, 13 May 98 12:52:23 -0700
From: philip mccooy <dgnova@erols.com>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re RU-GF installation
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii

The Ru-19 installation was stand alone, that is the installation consisted of 2 RU receivers, control boxes dynamoter etc. I think the dynamoter used was the smaller army dynamoter, giving out about 370 some odd volts.

The earlier RUs were coupled with the GF series transmitters. The dynamoter put out about 450 some odd volts.

I don't know the design date, but I believe the RU-3 was dated about 1934. The 2 letter nomenclature, implies pre 1930. The RAA and RAB came out about 1930.

Someone might correct me on this.

Philip McCoy dgnova@erols.com

From: w1nml@juno.com
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@sco.theporch.com
Subject: FS: Misc stuff
Message-ID: <19980513.120848.5311.0.w1nml@juno.com>
Date: Wed, 13 May 1998 15:10:44 EDT

Hi Gang,

Well, cleaning out the garage, so that I can get the car in there in anticipation of triple-digit weather. Came across these items .

1. EICO, Model 360, TV-FM Sweep Signal Generator. covers 55 Mcs to 225 Mcs. looks good, not checked out. \$ 20.
2. Precision, Model E410C, Sweep Generator and Marker adder. Covers 3 Mcs to 1080 Mcs. Not checked out. \$ 15.
3. Heathkit, "HI-FI" audio amp, 14 watts, Model AA-161. This unit works good and is in pristine condition. \$ 30.
4. Gonset "Commander" transmitter. In good cosmetic condition has 2 coils, 20 M and 80 M, if I remember right. Can provide more info if

someone is interested. \$ 25.

5. Dow-Key electronic T/R switch. Model without built-in supply, gets power from your transmitter. \$ 20.

6. Have 2 URM-25D Signal Generators. These guys are very dirty and do not have the cover or the accessories that are stored in the cover. Otherwise they appear complete, all knobs , etc. Have not been tested. \$ 25. apiece.

All plus shipping.

73,.....Lock

W1NML/7 AMI # 639
QCWA# 15033
Phoenix, AZ

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Date: Wed, 13 May 1998 14:22:57 -0500 (CDT)
From: Sheldon Wheaton <swheaton@sky.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Help identify some 1930's RCA gear
Message-ID: <Pine.GS0.3.96.980513141743.15989C-100000@sky.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello BA folks,

I recently picked these two impressive boat anchors pieces up at an auction:

RCA RF Phase Meter, Type 300-A MI-7540A
RCA Beat Frequency Oscillator, Type 68-A MI-7511

These are 19" rack mounted units, with AR-88 type knobs on them, making me believe they are late 1930's vintage. My guess is that they are modular units of a larger system, either test equipment or perhaps some type of

communications equipment. I'd be interested in any info about them.

The Phase Meter has labeling on the front that indicates it is intended for detecting the phase difference between two RF signals. The RF frequency is not specified, but the circuit contains two acorn tubes, and there is provision for what is probably a type 913 CRT for output indication.

The BFO tunes from 25 Hz up to 17 kHz.

I bought these units mainly because they had AR-88 type knobs, but quickly decided they were too nice to gut for parts! A common dilemma for me!

73,

Sheldon KC0CW swheaton@sky.net <http://www.sky.net/~swheaton>

Message-Id: <199805131921.MAA01059@shell.wco.com>

From: "Larry" <rau@wco.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: "boatanchors" <boatanchors@theporch.com>

Subject: Swan 250

Date: Wed, 13 May 1998 12:14:40 -0700

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Date: Wed, 13 May 1998 14:33:25 -0600 (MDT)

From: BOB RAGAIN <RAGAIN@hubvx6.sedalia.wireline.slb.com>

To: Old Tube Radios <boatanchors@theporch.com>

CC: RAGAIN@hubvx6.sedalia.wireline.slb.com

Message-Id: <980513143325.2223acc8@hubvx6.sedalia.wireline.slb.com>

Subject: Sprague interference receiver

Hello boatanchorites,

Larry Ware recently commented about recent purchase of a Sprague 500 "interference locator" receiver. I picked up a model 610 Sprague receiver of the same name several years ago, but mine is a later model, '70's vintage solid state, but still barely luggable.

Larry, I have used mine a lot. Radio direction finding is the main use, including Ham band DF'ing, aircraft ELT tracking, noise from power lines, egress points from the TV cable system, etc. It has also been used as a general purpose receiver. In that case, a tuned preamp helps since the receiver is neither selective or particularly sensitive. I've also used

it as a broadband, quickly tuned receiver for antenna testing with a noise bridge.

The built in attenuator and calibrated meter are handy, but I don't have the standard antennas you apparently got with yours so the microvolts scales are only relative.

There is a company which still builds (more modern) interference locator receivers, and still under the Sprague name, I think. Their name is something like Microtech, but not that 'cause that's a semi-conductor distributor. I actually got a manual from them years ago....but now I can't find it :-)

Have fun,

Bob

Date: Wed, 13 May 1998 16:40:20 -0400 (EDT)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: More RU-GF Information
Message-Id: <Pine.A32.3.91.980513162356.21134B-1000000@ppdu.nrl.navy.mil>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Phil and Gang,

The Naval Research Laboratory (NRL) cooperated with the contractor in the development of the aircraft radio communication equipment first to provide acceptable, two-way, voice communication in flight at high frequency (1931-1933). These were the Models GF (transmitter) and RU (receiver).

The following is a transcription of two paragraphs from NRL report 8300 "Evolution of Naval Radio-Electronics and Contributions of the Naval Research Laboratory" by Louis A Gebhard 1979, Page 67:

The Bureau of Engineering decided to explore the frequency range 3000 to 4000 kHz for short-range fighter and spotting aircraft communication and sponsored NRL's effort to provide suitable equipment (1926). The first such equipments procured were the models MD (General Electric) and ME (Westinghouse) (1927-1929). These were followed by the Model GF transmitter (5000-8000 kHz), accompanied by the Model RU receiver (1931-1933). The Model GF/RU equipment was the first to provide acceptable two-way, aircraft voice communication, feasible because of the

availability of effective ignition-system shielding. The Model GF/RU (Aircraft Radio Corporation) was procured in large numbers and used extensively, and continued in use through World War II.

Although of relatively low power (5 Watts), the Model GF was also used for patrol aircraft which required coverage over long distances. The Models GH (Westinghouse) and GI (General Electric), also procured, provided greater power (100 Watts, 4000 to 13,575 kHz). These equipments were followed by a series of models for patrol planes, the development of which paralleled that of shipboard high-frequency equipment. NRL maintained surveillance over these developments to insure acceptable service performance. The navy has found the high-frequency band very useful for long-distance communication by its aircraft.

Sincerely, Paul Bernhart

Work:P.A. Bernhardt
Code 6794
Naval Research Laboratory
Washington, DC 20375

Home: Paul Bernhardt, KF4FOR
5704 Ridge View Dr.
Alexandria, VA 22310

Tel: 202-767-0196

703-960-9656

FAX: 202-767-0631

Message-Id: <3.0.5.32.19980513153757.007e7d30@mail1.telalink.net>

Date: Wed, 13 May 1998 15:37:57 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: Tom Norris <badger@telalink.net>

Subject: Help with R388 clone?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Can anyone help out Paul?

Reply to him, not to me!!!!

73

Tom

>From: Paul Reichley <reichley@mail1.jpl.nasa.gov>

>

>Tom,

>

>I have a receiver that that I have not seen on any of the military

>communications equipment lists. The nameplate on the receiver has the

>following information:

>

>RECEIVER, RADIO

>R645/GPQ-3
>STK NO. 1800-0238980
>SER. 7
>PART NO. 1929-5002 G1
>CONTRACT NO. AF 30(635)-778
>RAYTHEON MFG CO.
>WALTHAM, MASS
>
>It seems identical, as far as I can determine, to the R388/URR (Collins
>51J3). It however, has a dark blue (Air Force blue?) front panel. It is a
>rack mount model and has a sloping back cover for the electronics.
>
>I fire it up about once a week, but most of my day to day listening is done
>on an Icom R9000 and assorted other Icom and JRC receivers.
>
>I have had the radio for 20 years and it is in good operating condition. I
>would appreciate any information you could provide, or if you could steer
>me to where I could find further information.
>
>Thanks
>

>Paul Reichley Telephone: (818) 354-0275
>Planning and Control Manager Fax: (818) 393-5112
>Scatterometer Program Email: paul.reichley@jpl.nasa.gov
>Jet Propulsion Laboratory
>
>

Message-Id: <3.0.5.32.19980513164725.00aa5700@earthlink.net>
Date: Wed, 13 May 1998 16:47:25 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: Access Boatanchors Manual Archives with Netscape Nav. 3.0
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I couldn't open the Boatanchors Manual Archives through Netscape Navigator 3.0. The only response was a message saying "Incorrect Password, use real e-mail address as password". I thought others might be interested in my fix.

I don't use a password on the net, and my first attempt was to use one. No help.

Apparently, a password is sent when you do an anonymous ftp to an ftp server. Version 1.x of Navigator sends your e-mail address as the password, so no problem.

Version 2.x sends "Mozilla@yourdomain.com" as the password, so you are out of business unless you upgrade.

Version 3.0x and 4.0x sends Mozilla... by default, but you can change it to your password as follows:

Options(see top of screen), Network Preferences, Proctols, and check (click) the Send Email as Anonymous FTP Password box. If you normally use Eudora or a similar program for mail, remember to go to Netscape Navigator to make the change.

73's Jim

End of BOATANCHORS Digest 2054
